THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI VILAS MUTTEMWAR): (a) and (b) Yes Sir, the Haryana Renewable Energy Development Agency, Haryana has issued a letter of intent to M/s. Astonfield Renewable Resources Pvt. Ltd., Kolkata to setup a 3 MWp solar photovoltaic power project in the State of Haryana on build, own and operate basis, subject to preparation of the DPR by the company, its approval by the State agency and signing of the power purchase agreement with the State utility. The Ministry of New and Renewable Energy has not yet received any proposal from the company in this regard.

(c) Grid connected solar power projects with an aggregate capacity of 2.1 MWp have been set up in the country so far. During the 11th Plan Period a target of 50 MW has been fixed.

Constitution of Solar Energy Commission

253. SHRI B.J. PANDA:
MS. MABEL REBELLO:

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether it is proposed to constitute a Solar Energy Commission, to tap solar energy potential in the country;

(b) if so, the details thereof;

(c) the status of generation of solar energy in Jharkhand and Orissa which have a very good potential of this source; and

(d) the action plan of Government to further exploit this sector in these States to meet the energy needs in the country?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI VILAS MUTTEMWAR): (a) and (b) At present, there is no proposal to set up a solar energy commission. However, the National Action Plan on Climate Change has proposed to develop solar energy in the country by setting up a Solar Mission.

(c) The details of the solar energy devices/systems installed in the states of Jharkhand and Orissa are given in the Statement (*See* below)

(d) The Ministry of New and Renewable Energy is promoting use of solar energy devices and systems in the country, including the States of Jharkhand and Orissa, under the solar energy programmes and the Remote Village Electrification programme. These programmes are implemented by the state nodal agencies. On the basis of the proposals received from the state agencies and the availability of funds the Ministry allocates targets to the state nodal agencies. During 2008-09 a total of 3,000 solar street lighting systems have been sanctioned to the implementing agency for Jharkhand and a 3KWp solar power plant has been sanctioned to the agency in Orissa.

Statement

Details of Solar Energy devices installed in Jharkhand and Orissa

System	Jharkhand Installed	Orissa Installed
Solar Home Lights Nos	4035	4425
Solar Street Lights Nos	620	5819
Solar Power Plants KWp	—	36.52
Village covered through Solar systems under Remote Village Electrification Programme	447	205

Requirement of wind mills

254. SHRI AMIR ALAM KHAN: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) the total number of wind mills functioning in the country, as on date, State/UT-wise;

(b) whether any assessment has been made in the recent years about the requirement of such mills in the country;

(c) if so, the details thereof;

(d) whether new locations/sites are being identified for erection of these wind mills in the country; and

(e) if so, the details thereof, location-wise and State-wise?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI VILAS MUTTEMWAR): (a) Wind power projects aggregating 9522 MW have been installed in the country as on 30.9.2008. State-wise wind power installation capacity is given in the Statement-I (*See* below)

(b) and (c) Yes, Sir. As compared to the achievement of about 5456 MW of wind power during the Tenth Five Year Plan, a target for capacity addition of 10,500 MW has been fixed for the Eleventh Five Year Plan. The capacities of wind turbines installed in the country ranges from 225 kw to 1650kw. Adequate manufacturing facility exists in the country for achieving the above target.

(d) and (e) A total of 216 potential locations have so far been identified in 13 States/UTs which could be considered suitable for installation of wind turbines. Of these, five new locations have been identified in 3 States during the last three years. State-wise details are given in Statement-II